

§ 555.215

27 CFR Ch. II (4–1–03 Edition)

§ 555.215 Housekeeping.

Magazines are to be kept clean, dry, and free of grit, paper, empty packages and containers, and rubbish. Floors are to be regularly swept. Brooms and other utensils used in the cleaning and maintenance of magazines must have no spark-producing metal parts, and may be kept in magazines. Floors stained by leakage from explosive materials are to be cleaned according to instructions of the explosives manufacturer. When any explosive material has deteriorated it is to be destroyed in accordance with the advice or instructions of the manufacturer. The area surrounding magazines is to be kept clear of rubbish, brush, dry grass, or trees (except live trees more than 10 feet tall), for not less than 25 feet in all directions. Volatile materials are to be kept a distance of not less than 50 feet from outdoor magazines. Living foliage which is used to stabilize the earthen covering of a magazine need not be removed.

§ 555.216 Repair of magazines.

Before repairing the interior of magazines, all explosive materials are to be removed and the interior cleaned. Before repairing the exterior of magazines, all explosive materials must be removed if there exists any possibility

that repairs may produce sparks or flame. Explosive materials removed from magazines under repair must be (a) placed in other magazines appropriate for the storage of those explosive materials under this subpart, or (b) placed a safe distance from the magazines under repair where they are to be properly guarded and protected until the repairs have been completed.

§ 555.217 Lighting.

(a) Battery-activated safety lights or battery-activated safety lanterns may be used in explosives storage magazines.

(b) Electric lighting used in any explosives storage magazine must meet the standards prescribed by the “National Electrical Code,” (National Fire Protection Association, NFPA 70–81), for the conditions present in the magazine at any time. All electrical switches are to be located outside of the magazine and also meet the standards prescribed by the National Electrical Code.

(c) Copies of invoices, work orders or similar documents which indicate the lighting complies with the National Electrical Code must be available for inspection by ATF officers.

§ 555.218 Table of distances for storage of explosive materials.

| Quantity of explosives | | Distances in feet | | | | | | | |
|------------------------|-----------------|---------------------|---------------|---|---------------|--|---------------|-------------------------|---------------|
| Pounds over | Pounds not over | Inhabited buildings | | Public highways with traffic volume of 3000 or fewer vehicles/day | | Passenger railways—public highways with traffic volume of more than 3,000 vehicles/day | | Separation of magazines | |
| | | Barri-caded | Unbarri-caded | Barri-caded | Unbarri-caded | Barri-caded | Unbarri-caded | Barri-caded | Unbarri-caded |
| 0 | 5 | 70 | 140 | 30 | 60 | 51 | 102 | 6 | 12 |
| 5 | 10 | 90 | 180 | 35 | 70 | 64 | 128 | 8 | 16 |
| 10 | 20 | 110 | 220 | 45 | 90 | 81 | 162 | 10 | 20 |
| 20 | 30 | 125 | 250 | 50 | 100 | 93 | 186 | 11 | 22 |
| 30 | 40 | 140 | 280 | 55 | 110 | 103 | 206 | 12 | 24 |
| 40 | 50 | 150 | 300 | 60 | 120 | 110 | 220 | 14 | 28 |
| 50 | 75 | 170 | 340 | 70 | 140 | 127 | 254 | 15 | 30 |
| 75 | 100 | 190 | 380 | 75 | 150 | 139 | 278 | 16 | 32 |
| 100 | 125 | 200 | 400 | 80 | 160 | 150 | 300 | 18 | 36 |
| 125 | 150 | 215 | 430 | 85 | 170 | 159 | 318 | 19 | 38 |
| 150 | 200 | 235 | 470 | 95 | 190 | 175 | 350 | 21 | 42 |
| 200 | 250 | 255 | 510 | 105 | 210 | 189 | 378 | 23 | 46 |
| 250 | 300 | 270 | 540 | 110 | 220 | 201 | 402 | 24 | 48 |
| 300 | 400 | 295 | 590 | 120 | 240 | 221 | 442 | 27 | 54 |
| 400 | 500 | 320 | 640 | 130 | 260 | 238 | 476 | 29 | 58 |
| 500 | 600 | 340 | 680 | 135 | 270 | 253 | 506 | 31 | 62 |
| 600 | 700 | 355 | 710 | 145 | 290 | 266 | 532 | 32 | 64 |
| 700 | 800 | 375 | 750 | 150 | 300 | 278 | 556 | 33 | 66 |
| 800 | 900 | 390 | 780 | 155 | 310 | 289 | 578 | 35 | 70 |
| 900 | 1,000 | 400 | 800 | 160 | 320 | 300 | 600 | 36 | 72 |
| 1,000 | 1,200 | 425 | 850 | 165 | 330 | 318 | 636 | 39 | 78 |